

A photograph of a woman with dark hair, wearing a blue and white striped shirt, smiling as she washes a young child's hands at a kitchen sink. The child, who has dark curly hair and is wearing a dark blue vest over a light-colored shirt, is looking up at the water with a joyful expression. The background shows a modern kitchen with wooden cabinets and a stainless steel faucet.

PFAS: Results Update

Christopher S. Crockett, Ph.D., P.E.
Chief Environmental Officer

August 30, 2018

Some Major Points

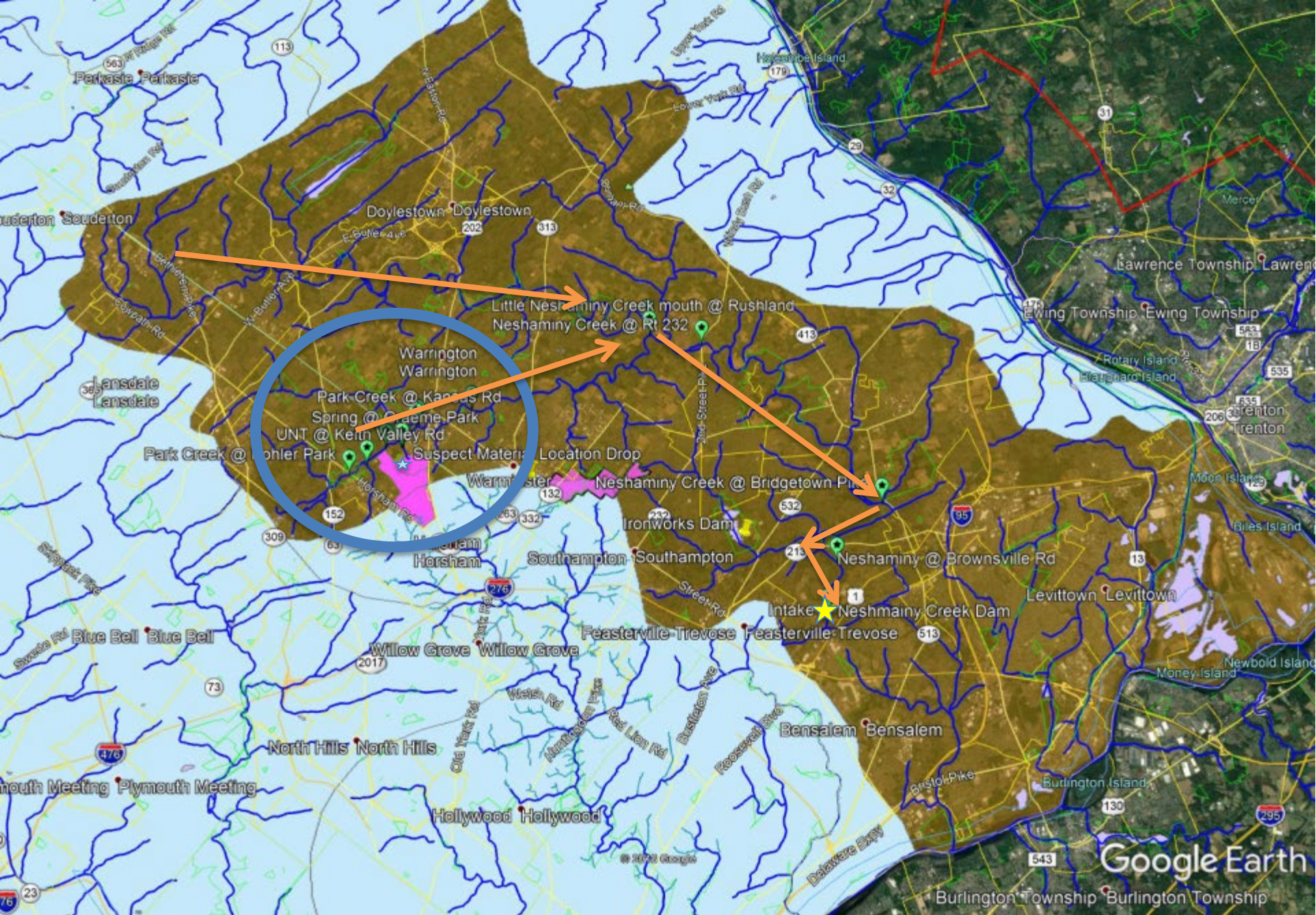
- If you sample at lower detection limits (2ppt) you will find PFOA and/or PFOS in most places
- Aqua active sources have always been below the 70ppt HAL
- **Aqua needs your help to get the base discharges cleaned up** and to help us find other sources
- Aqua is not going to non-detect, we will follow any laws or regulations and prefer science and health based limits
- CDC & EPA need to explain the June 2018 report and its suggested disconnect with EPA HAL



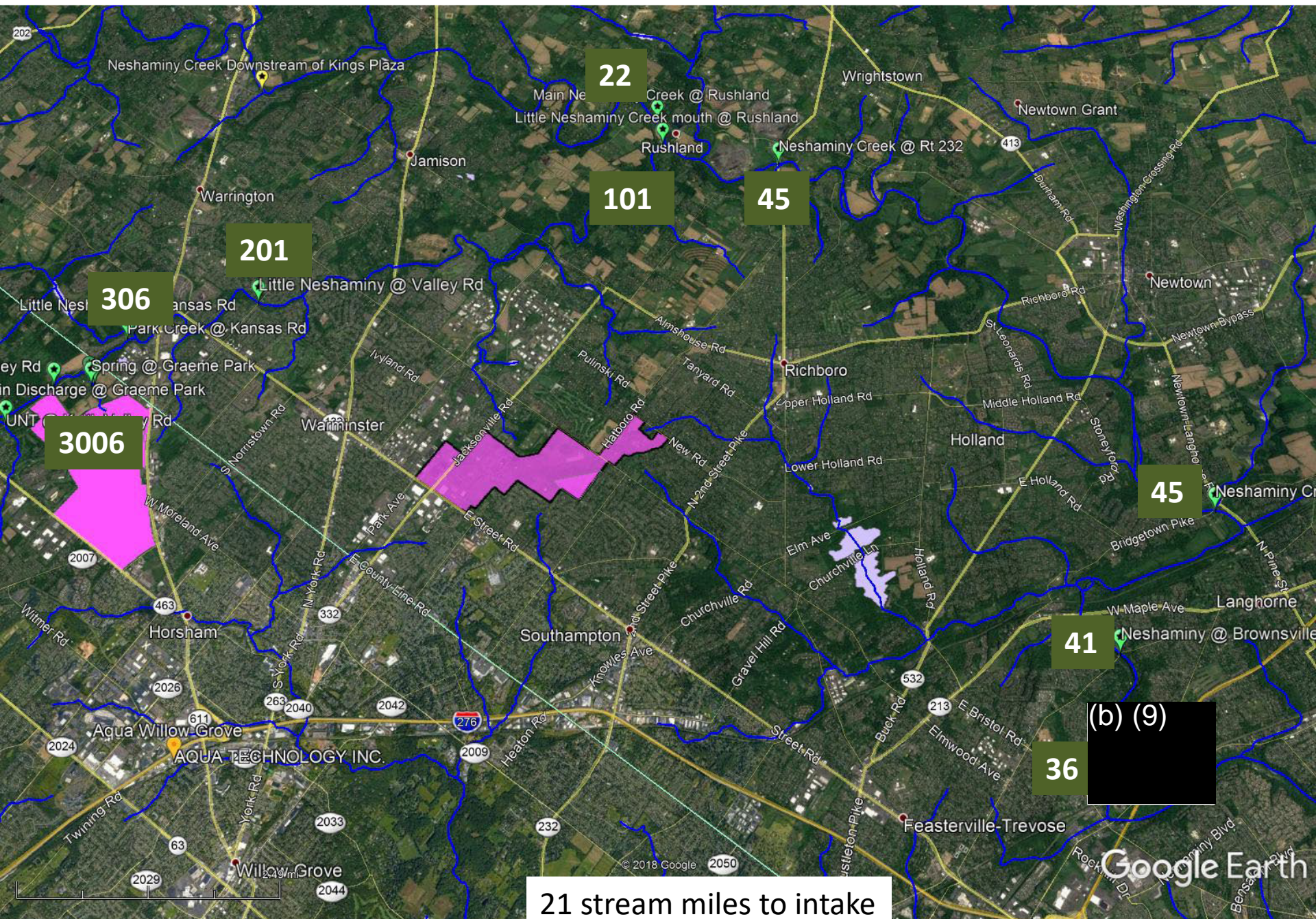
What is Aqua Doing?

- 2016 took Chalfont 8 and Hatboro 9 well offline for treatment though below HAL
- Developed ability to run samples for EPA Method 537 in house
- Started watershed and source sampling
- Developed and operated WaterFacts.com
- Enacted a plan to put treatment on sources of highest concentrations moving to lowest
- Putting treatment on North Hills and Aiden Lair Wells
- Doing PAC optimization studies at Neshaminy WTP
- Held and attended numerous meetings with public officials and public
- Participated in several news media interviews
- Attended EPA PFAS Summit







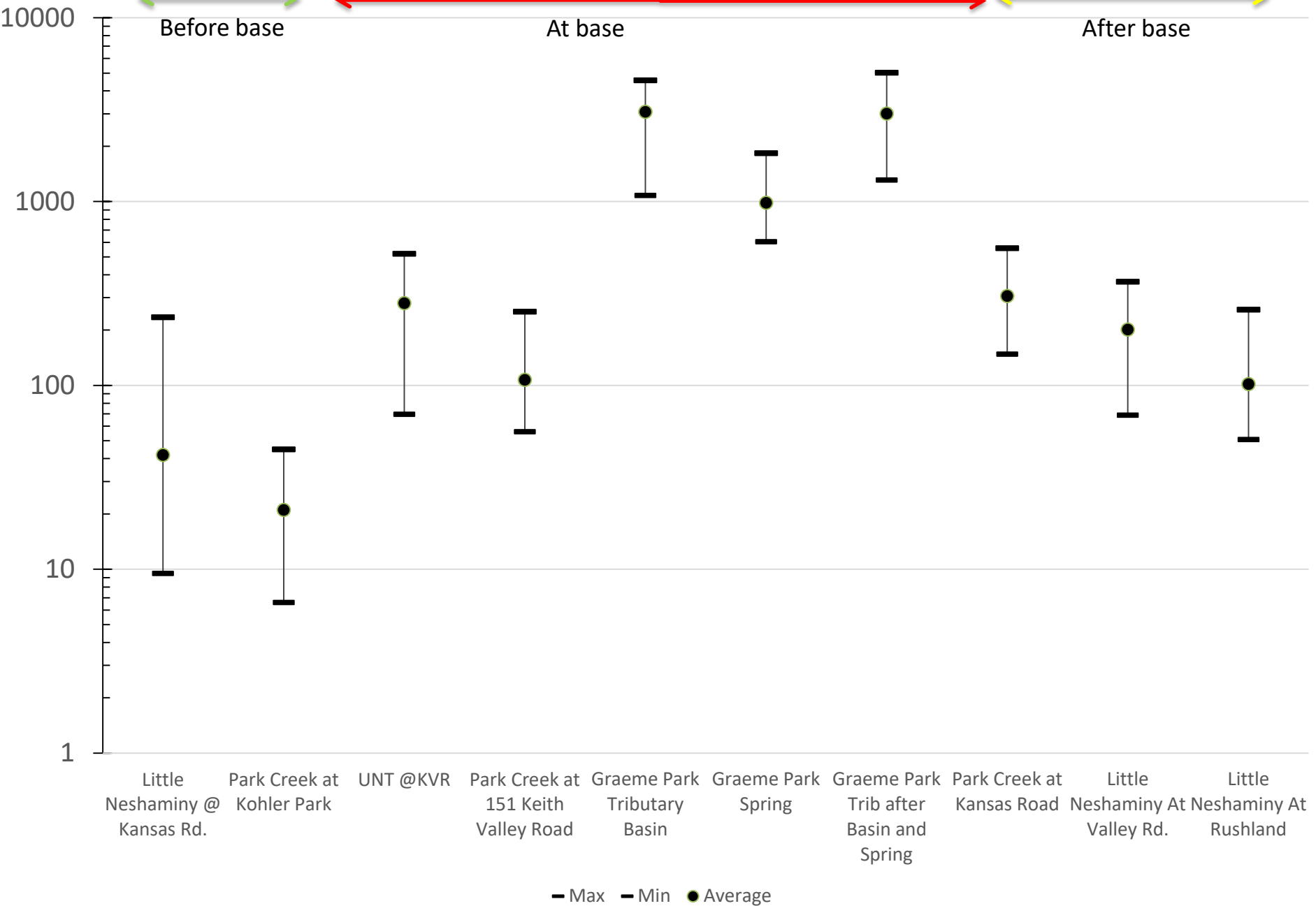


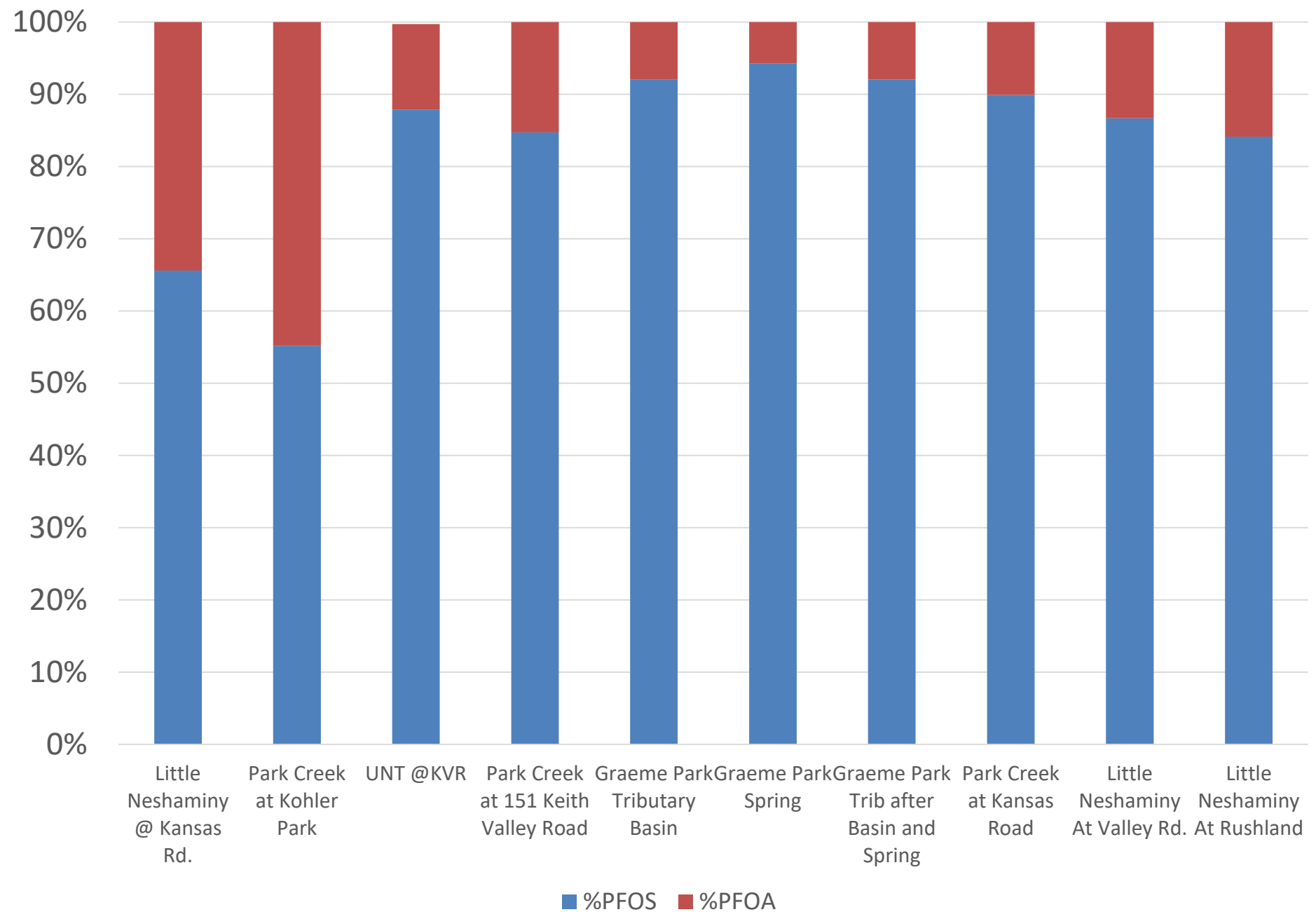


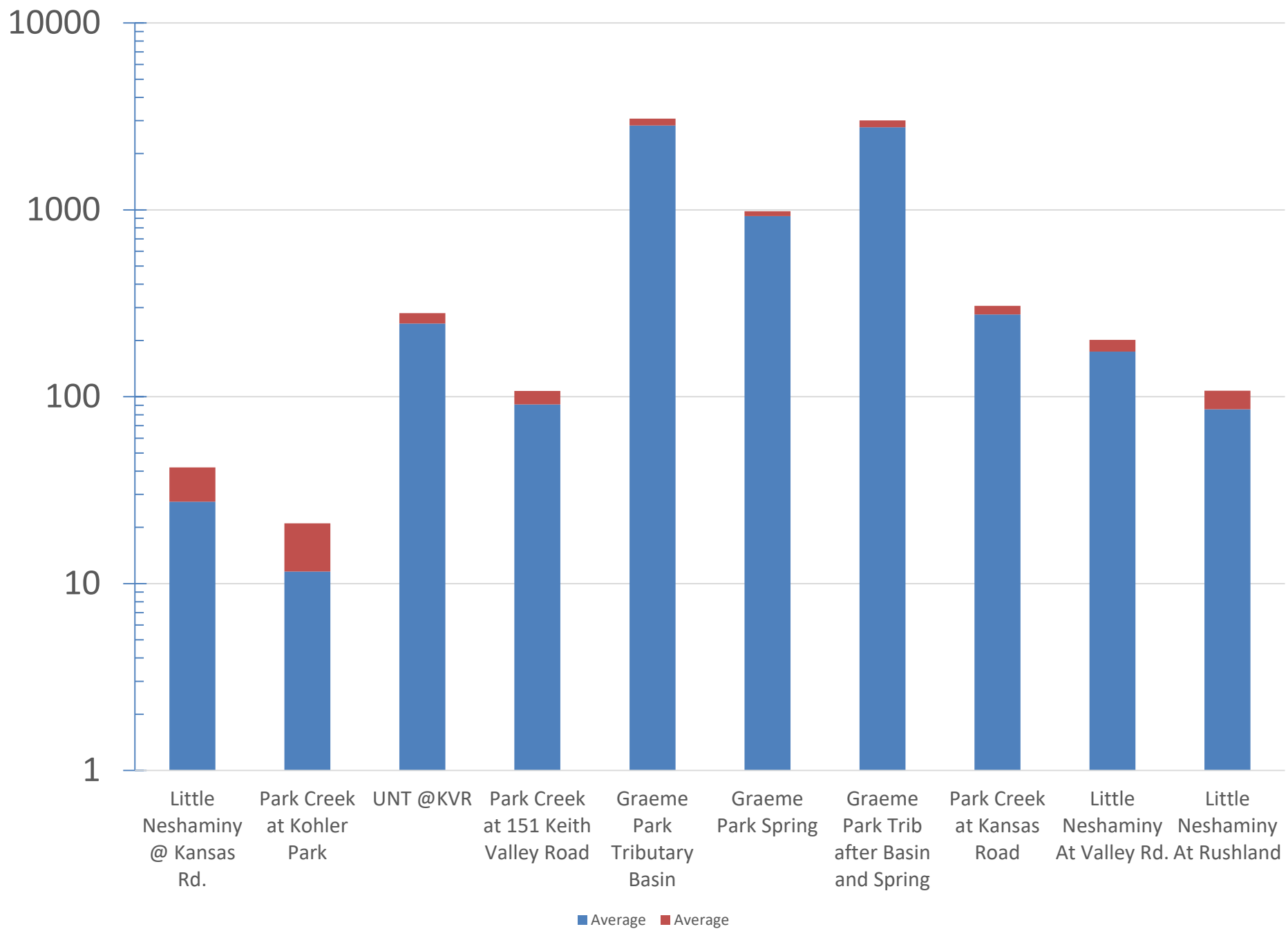
Before base

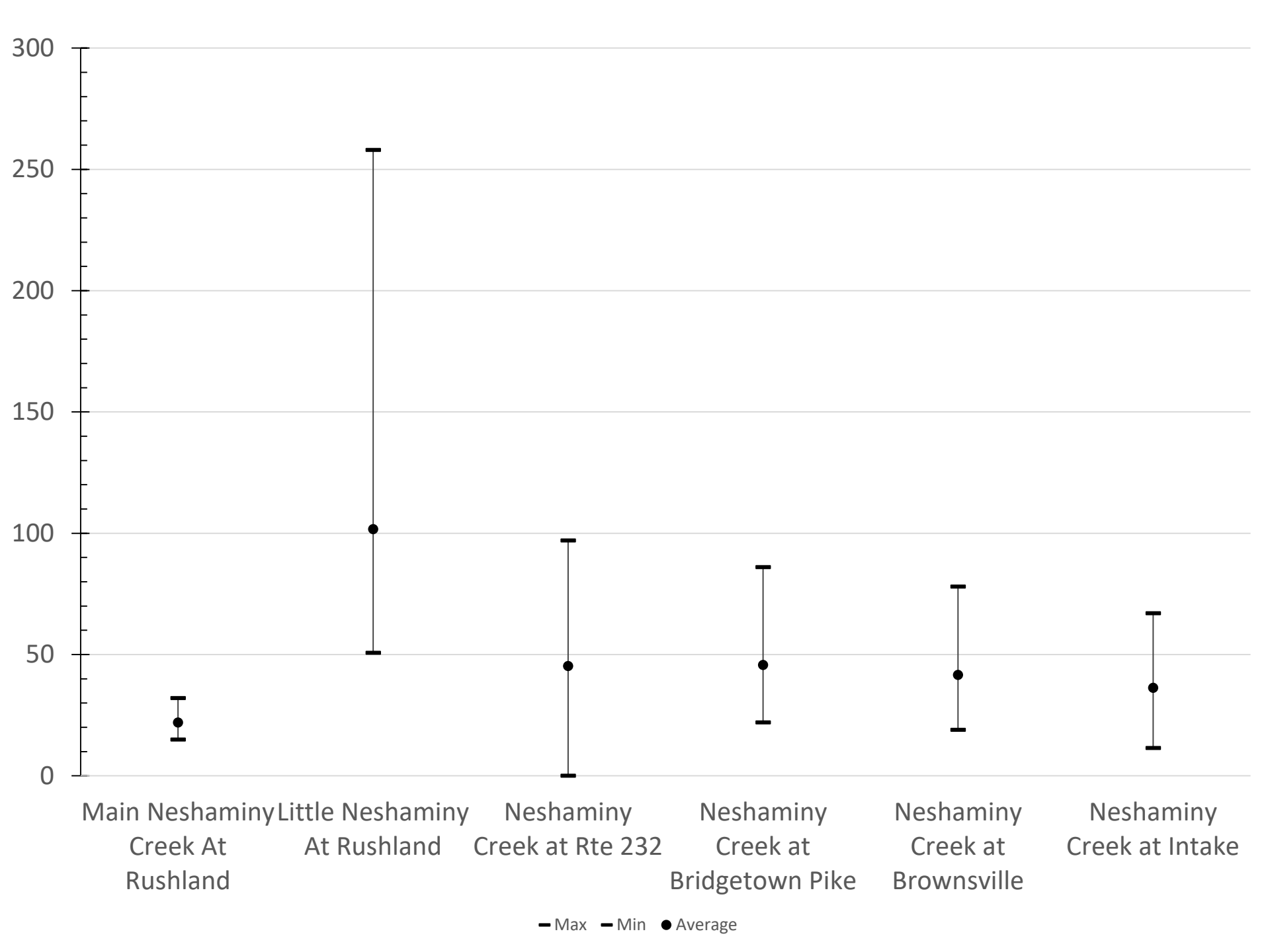
At base

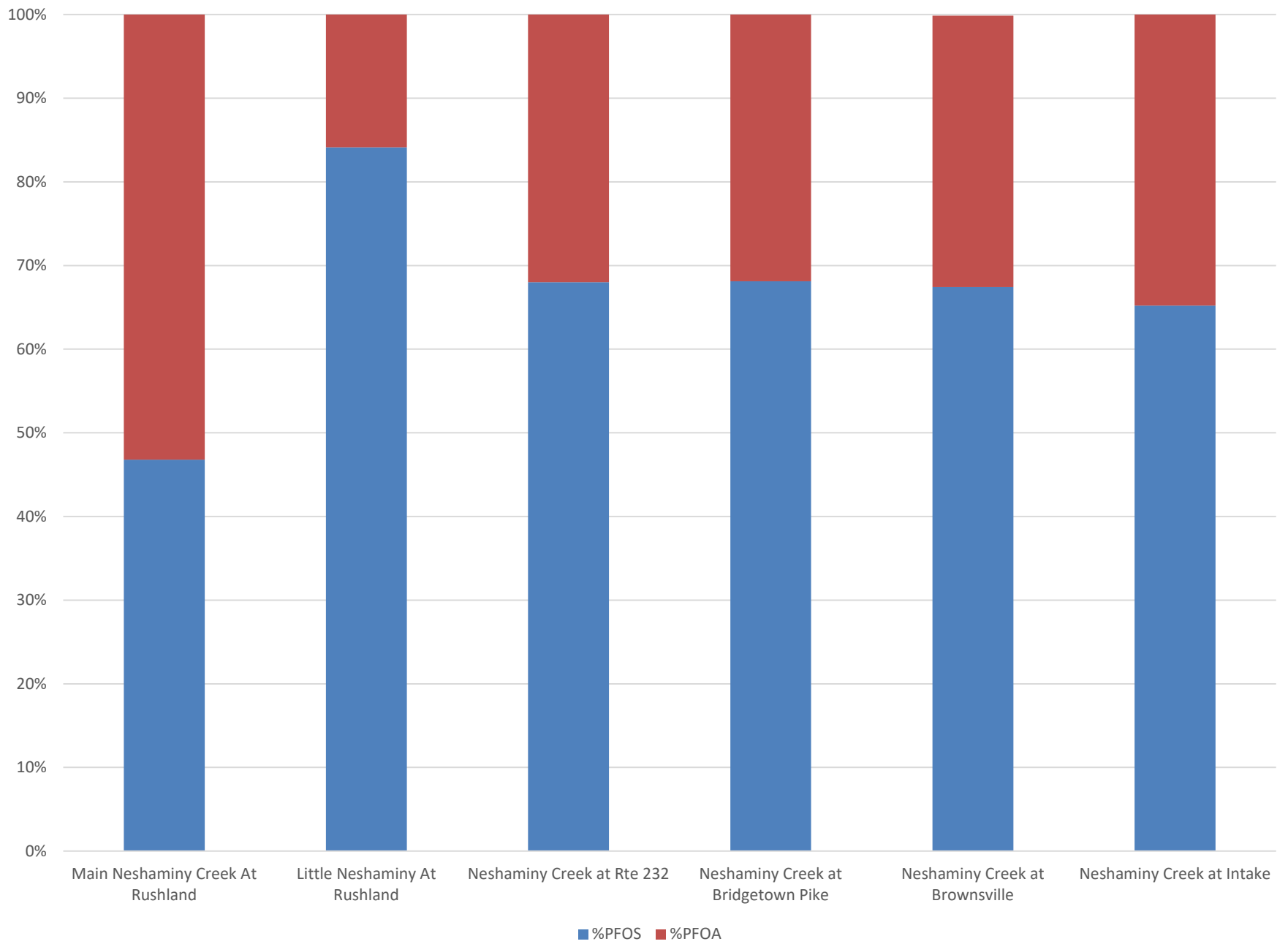
After base

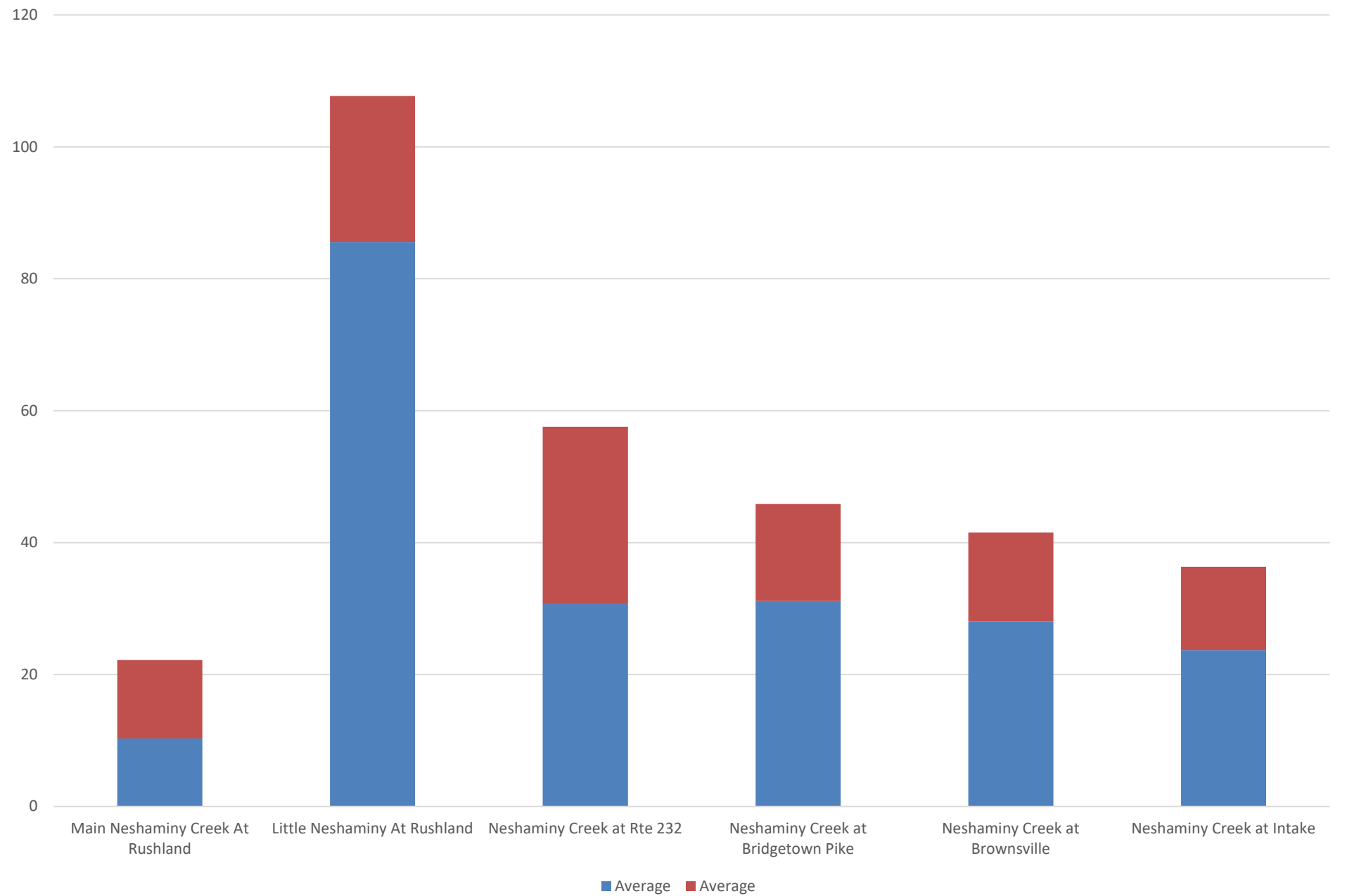




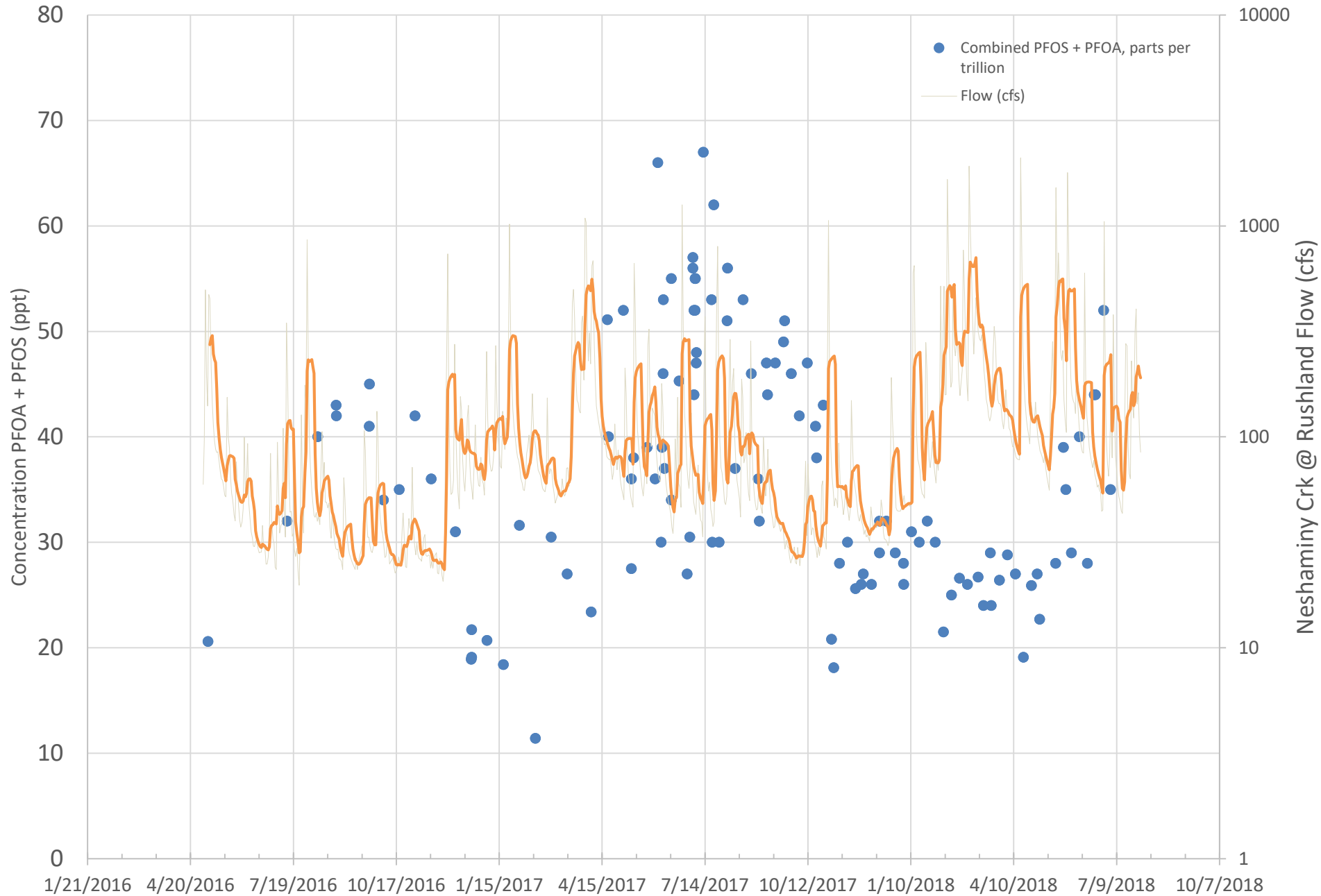








What's Impacting the Neshaminy Intake Concentrations?



	COMBINED PFOA+PFOS											
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Location	Count	Max	Min	Average	Count	Max	Min	Average	Count	Max	Min	Average
Little Neshaminy @ Kansas Rd.	21	235	9.5	41.8	21	220	2.4	27.4	21	24	7.1	14.4
Park Creek at Kohler Park	21	44.9	6.6	21.0	21	36	0	11.6	21	14	5.6	9.4
UNT @KVR	19	520	69.6	280.3	20	487	63	246.5	20	77	6.6	33.2
Park Creek at 151 Keith Valley Road	11	252	56	107.3	11	238	44	90.9	11	21	12	16.4
Graeme Park Tributary Basin	13	4562	1080	3072.5	13	4270	845	2827.3	13	333	152	245.2
Graeme Park Spring	13	1835	605	983.1	13	1610	578	926.7	13	225	22	56.4
Graeme Park Trib after Basin and Spring	20	5020	1310	3006.5	20	4745	1100	2767.4	20	416	137	239.1
Park Creek at Kansas Road	19	557	148	306.3	19	510	116	275.4	19	53	0	30.9
Little Neshaminy At Valley Rd.	19	366	68.8	201.3	19	326	51.7	174.5	19	47	16	26.8
Little Neshaminy At Rushland	18	258	50.7	101.7	20	233	36.6	85.6	20	31	12	22.2
Main Neshaminy Creek At Rushland	18	32	14.9	22.0	20	16	5.9	10.3	20	17	5.5	11.9
Neshaminy Creek at Rte 232	21	97	0	45.3	21	68	0	30.8	19	47	16	26.8
Neshaminy Creek at Bridgetown Pike	15	86	22	45.7	15	60	11	31.1	16	26	6.5	14.7
Neshaminy Creek at Brownsville	17	78	18.9	41.6	17	61	9.5	28.0	17	19	9.4	13.5



Thank You For Listening!

